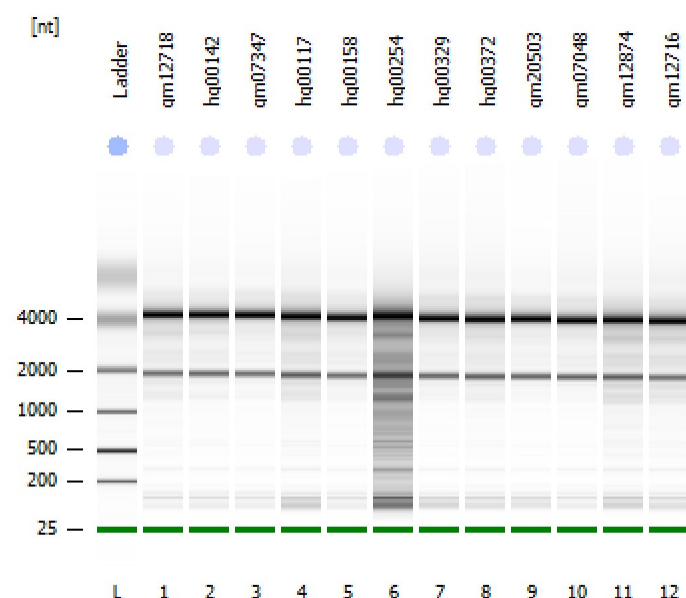


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-19_13-52-25.xad

Created: 10/19/2011 1:52:25 PM
Modified: 10/19/2011 2:16:41 PM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: DE04105537
Serial#: DE04105537

Firmware: C.01.069
Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

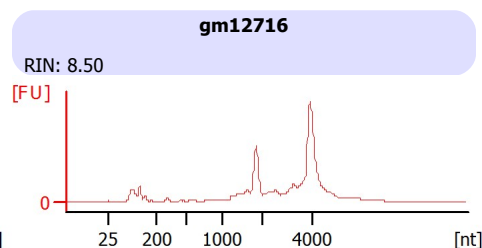
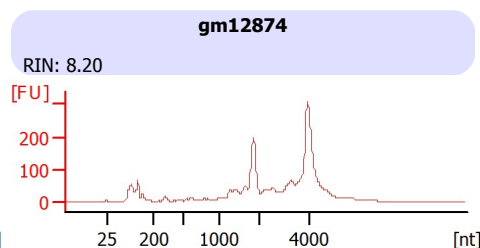
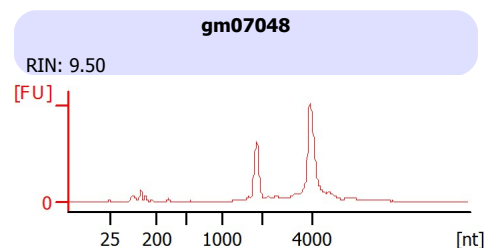
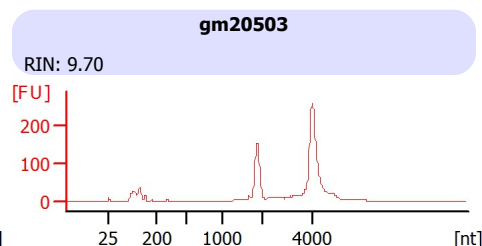
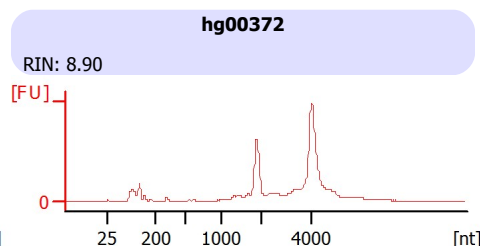
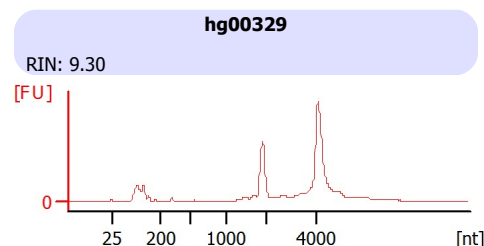
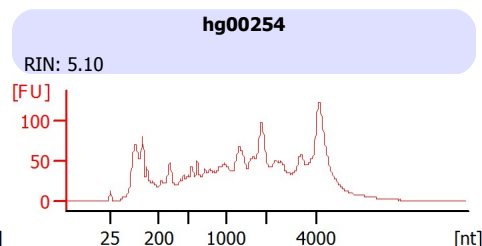
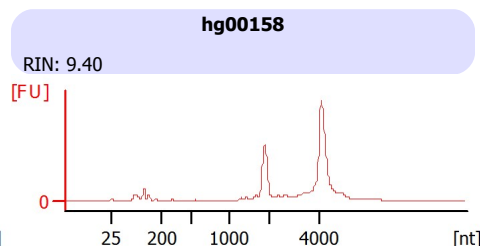
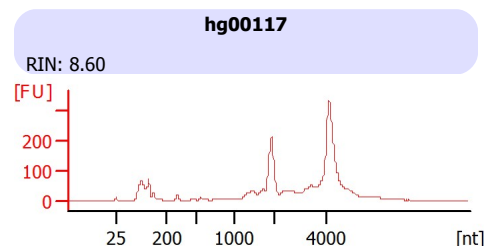
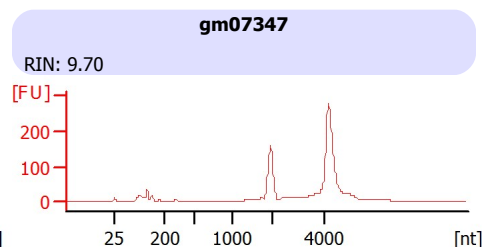
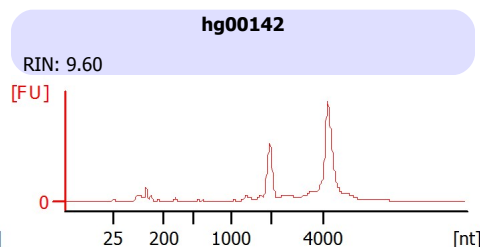
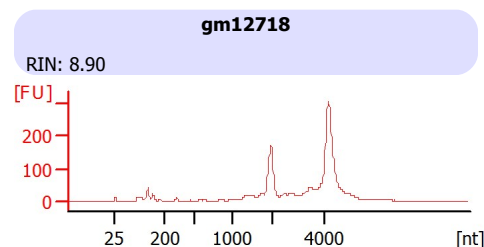
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-19_13-52-25.xad

Created: 10/19/2011 1:52:25 PM
Modified: 10/19/2011 2:16:41 PM

Electrophoresis File Run Summary (Chip Summary)

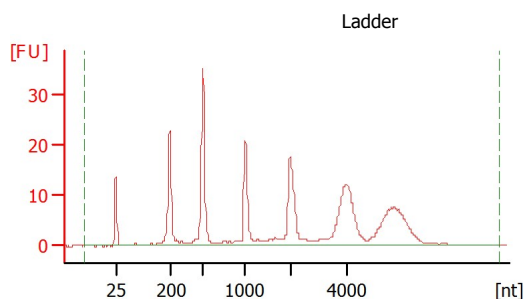
Sample Name	Sample Comment	Stat Result Label	Result Color
		us	
gm12718		✓ RIN: 8.90	
hg00142		✓ RIN: 9.60	
gm07347		✓ RIN: 9.70	
hg00117		✓ RIN: 8.60	
hg00158		✓ RIN: 9.40	
hg00254		✓ RIN: 5.10	
hg00329		✓ RIN: 9.30	
hg00372		✓ RIN: 8.90	
gm20503		✓ RIN: 9.70	
gm07048		✓ RIN: 9.50	
gm12874		✓ RIN: 8.20	
gm12716		✓ RIN: 8.50	
Ladder		✓ All Other Samples	

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-19_13-52-25.xad

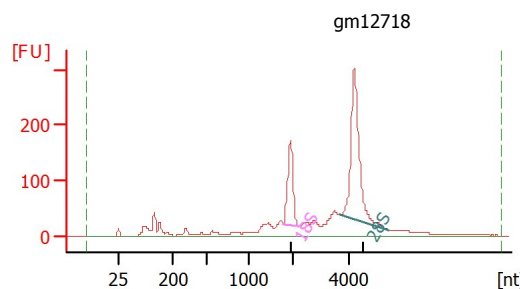
Created: 10/19/2011 1:52:25 PM
 Modified: 10/19/2011 2:16:41 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 282.3
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

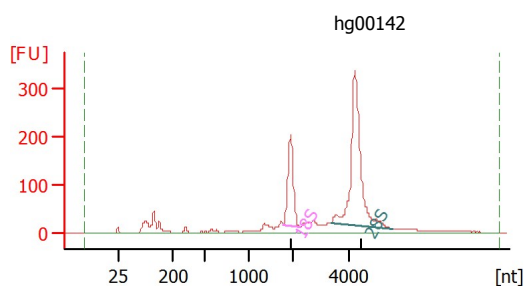


Overall Results for sample 1 : gm12718

RNA Area: 2,045.2
 RNA Concentration: 1,087 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 8.9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.90

Fragment table for sample 1 : gm12718

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,786	2,254	259.9	12.7
28S	3,669	5,412	606.5	29.7

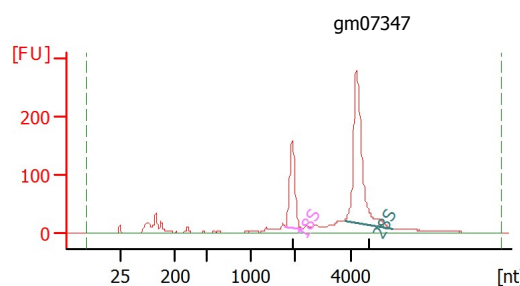


Overall Results for sample 2 : hg00142

RNA Area: 2,039.8
 RNA Concentration: 1,084 ng/μl
 rRNA Ratio [28s / 18s]: 2.5
 RNA Integrity Number (RIN): 9.6 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.60

Fragment table for sample 2 : hg00142

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,781	2,243	324.7	15.9
28S	3,338	5,528	812.7	39.8



Overall Results for sample 3 : gm07347

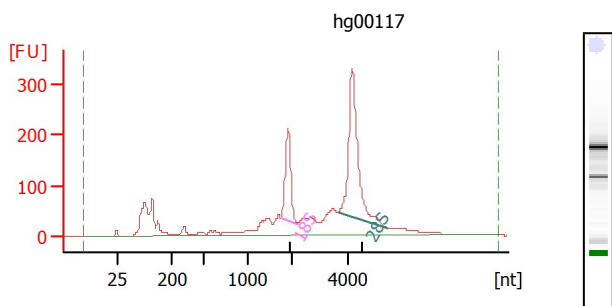
RNA Area: 1,529.8
 RNA Concentration: 813 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 9.7 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.70

Fragment table for sample 3 : gm07347

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,781	2,257	261.5	17.1
28S	3,737	5,469	594.2	38.8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-19_13-52-25.xad

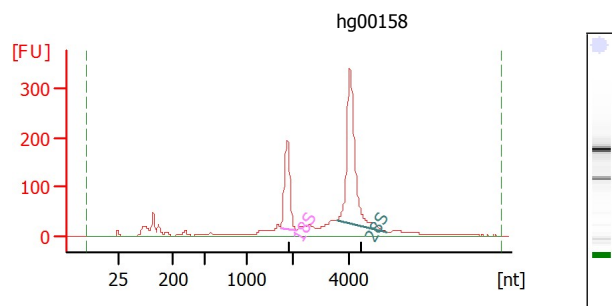
Created: 10/19/2011 1:52:25 PM
Modified: 10/19/2011 2:16:41 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : hg00117**

RNA Area: 2,861.8
RNA Concentration: 1,521 ng/μl
rRNA Ratio [28s / 18s]: 2.2
RNA Integrity Number (RIN): 8.6 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.60

Fragment table for sample 4 : hg00117

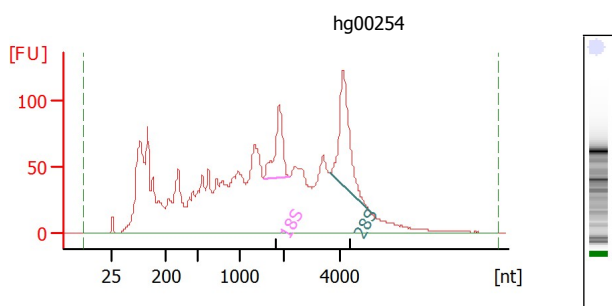
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,753	2,198	322.0	11.3
28S	3,589	5,395	720.3	25.2

**Overall Results for sample 5 : hg00158**

RNA Area: 1,969.9
RNA Concentration: 1,047 ng/μl
rRNA Ratio [28s / 18s]: 2.2
RNA Integrity Number (RIN): 9.4 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.40

Fragment table for sample 5 : hg00158

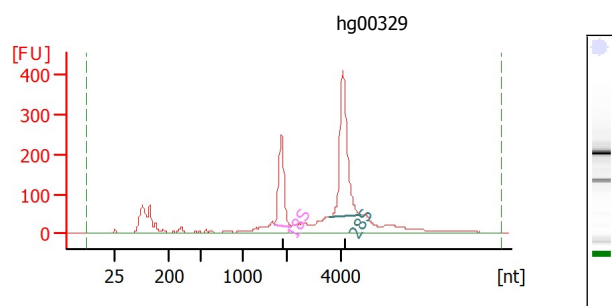
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,738	2,164	304.2	15.4
28S	3,582	5,343	680.5	34.5

**Overall Results for sample 6 : hg00254**

RNA Area: 3,379.5
RNA Concentration: 1,796 ng/μl
rRNA Ratio [28s / 18s]: 1.8
RNA Integrity Number (RIN): 5.1 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 5.10

Fragment table for sample 6 : hg00254

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,539	2,201	138.3	4.1
28S	3,668	5,150	242.8	7.2

**Overall Results for sample 7 : hg00329**

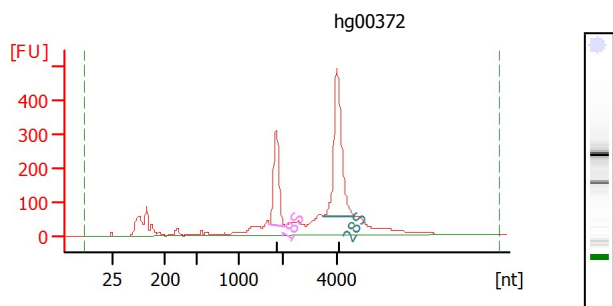
RNA Area: 2,764.5
RNA Concentration: 1,469 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 9.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.30

Fragment table for sample 7 : hg00329

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,727	2,170	398.3	14.4
28S	3,564	4,716	759.0	27.5

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-19_13-52-25.xad

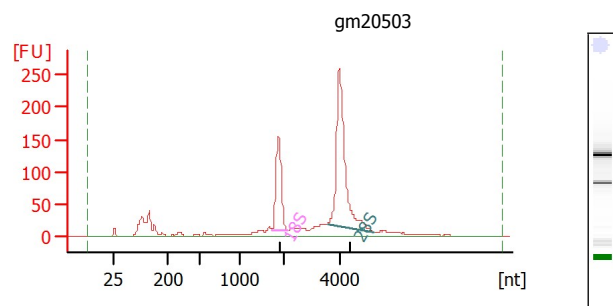
Created: 10/19/2011 1:52:25 PM
Modified: 10/19/2011 2:16:41 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : hg00372**

RNA Area: 3,639.8
RNA Concentration: 1,934 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 8.9 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.90

Fragment table for sample 8 : hg00372

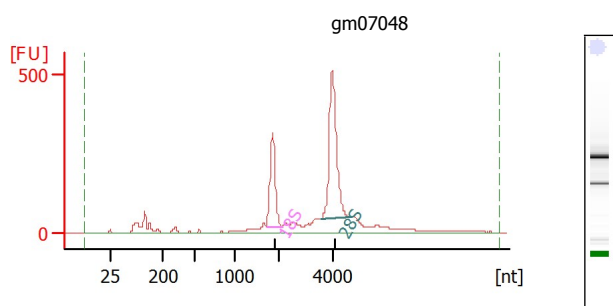
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,712	2,136	482.6	13.3
28S	3,478	4,652	922.6	25.3

**Overall Results for sample 9 : gm20503**

RNA Area: 1,509.6
RNA Concentration: 802 ng/μl
rRNA Ratio [28s / 18s]: 2.3
RNA Integrity Number (RIN): 9.7 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.70

Fragment table for sample 9 : gm20503

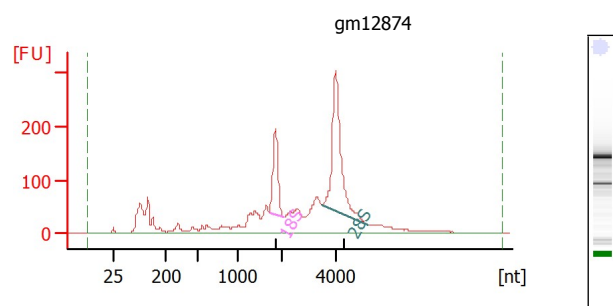
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,720	2,150	254.0	16.8
28S	3,556	5,238	572.3	37.9

**Overall Results for sample 10 : gm07048**

RNA Area: 3,038.1
RNA Concentration: 1,615 ng/μl
rRNA Ratio [28s / 18s]: 1.9
RNA Integrity Number (RIN): 9.5 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.50

Fragment table for sample 10 : gm07048

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,706	2,115	500.6	16.5
28S	3,546	4,623	948.2	31.2

**Overall Results for sample 11 : gm12874**

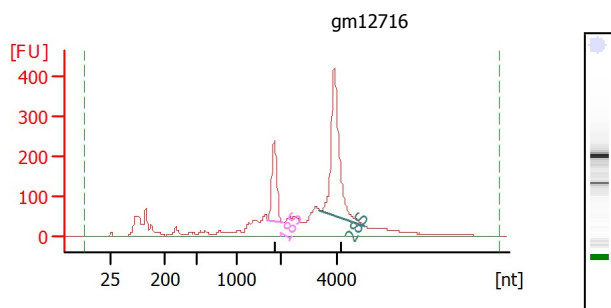
RNA Area: 2,879.7
RNA Concentration: 1,530 ng/μl
rRNA Ratio [28s / 18s]: 2.3
RNA Integrity Number (RIN): 8.2 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.20

Fragment table for sample 11 : gm12874

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,706	2,053	268.5	9.3
28S	3,484	5,131	621.9	21.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-19_13-52-25.xad

Created: 10/19/2011 1:52:25 PM
Modified: 10/19/2011 2:16:41 PM

Electropherogram Summary Continued ...**Overall Results for sample 12 : gm12716**

RNA Area: 3,392.5
RNA Concentration: 1,803 ng/μl
rRNA Ratio [28s / 18s]: 2.6
RNA Integrity Number (RIN): 8.5 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.50

Fragment table for sample 12 : gm12716

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
------	-----------------	---------------	------	-----------------

18S	1,691	2,027	331.1	9.8
28S	3,403	5,069	861.3	25.4